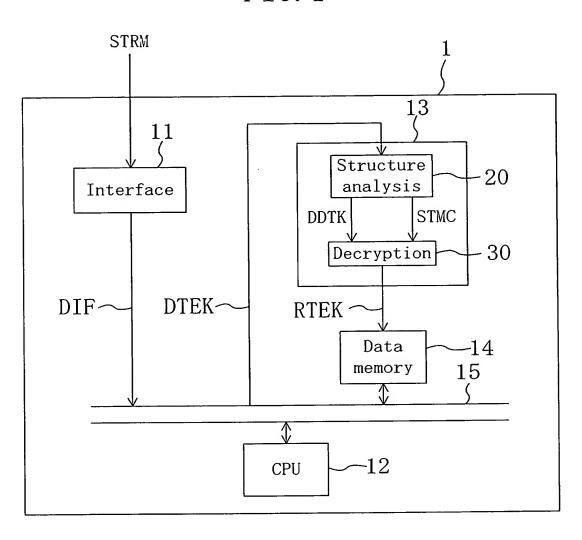
FIG. 1



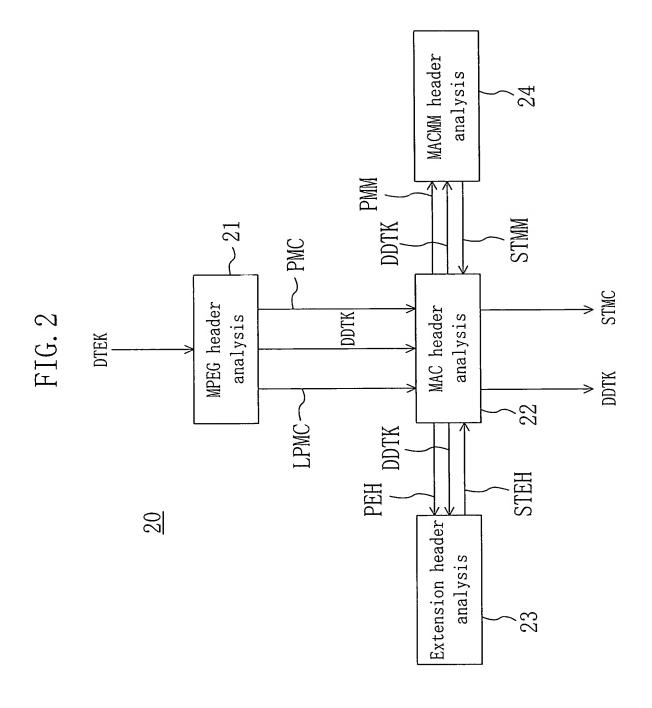


FIG. 3

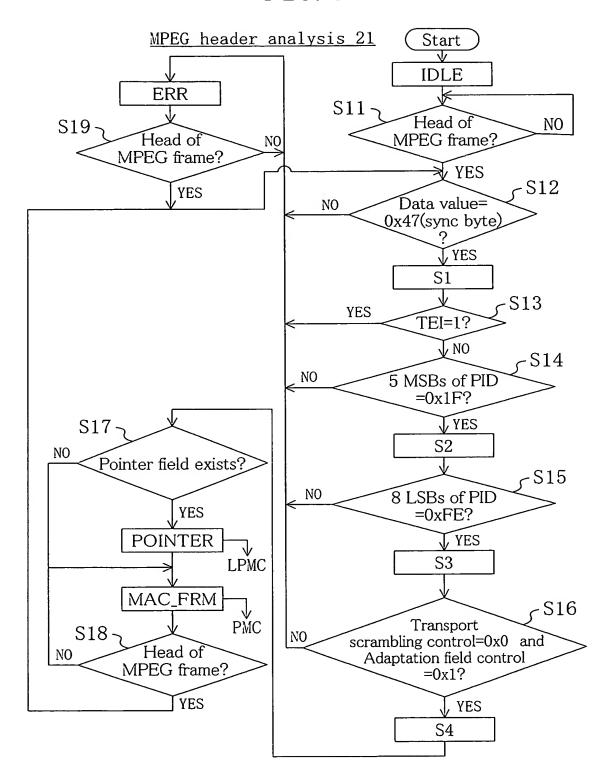
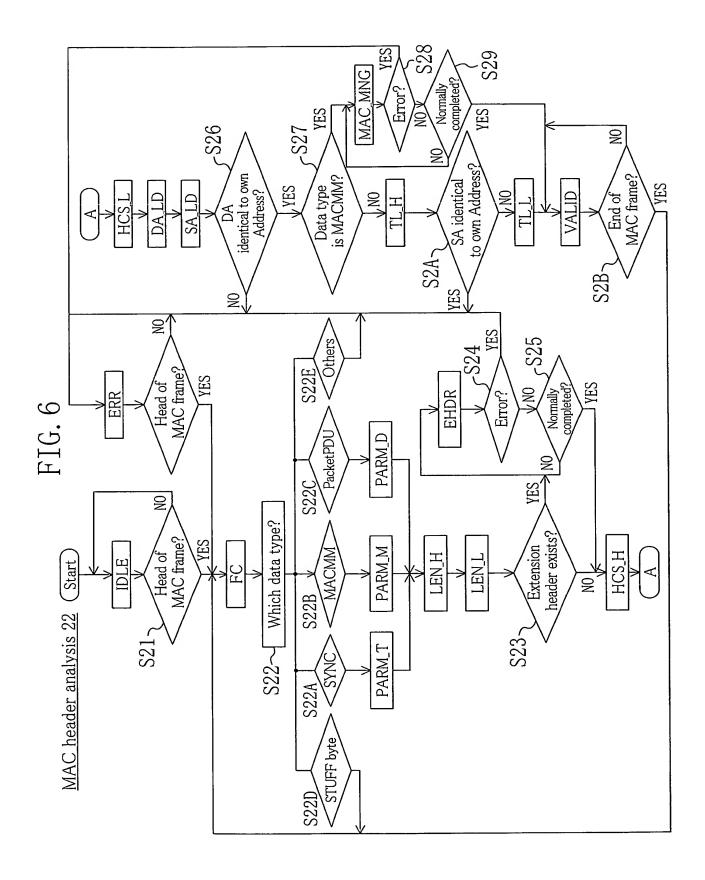


FIG. 4

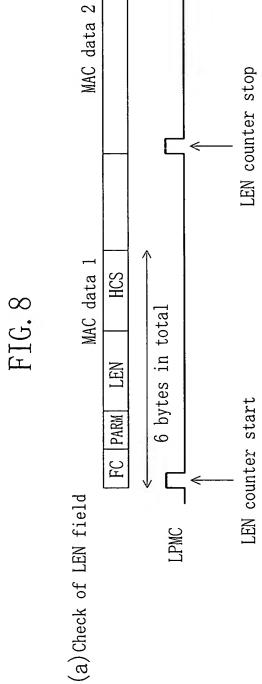
Field	Length (bit)	Description
sync byte	8	0x47:MPEG Packet Sync Byte
transport error indicator (TEI)	1	0No error in packet 1Error in packet
payload unit start indicator	1	0No pointer field exists 1Pointer field exists
(PUSI)		*Pointer field is 5th byte of MPEG frame
		includes start of payload
transport priority	-	O(Reserved)
PID	13	Ox1FFE for DOCSIS Data-Over-Cable
transport scrambling control	2	O(Reserved)
adaptation field control	2	1(This field unavailable for DOCSIS PID )
continuity counter	4	Circular counter of PID

Stuff Byte (Obytes or more) MAC Frame#2 Head of MAC frame Data having MPEG structure (MPEG data) Remainder of MAC Frame#1 (M bytes) pointer field(=M) MPEG Header (PUSI=1)LPMC PMC

FIG. 5



			Q	ata havi	ing MAC	Data having MAC structure (MAC data)	re (MA	C data)		
		MAC	) header	r	/					
Packet PDU	lbyte lbyte	i e	2bytes	$0 \sim 240$ bytes	2bytes	2bytes 6bytes	6bytes	6bytes 2bytes		4bytes
	FC	PARM	LEN	ш	HCS	DA	SA	Type/Len	User Data	CRC
	lbyte	1byte 1byte 2bytes	2bytes	$0\sim240$ bytes	2bytes					
SYNC and MACMM	FC	PARM	LEN	Extension header	HCS		M	AC Manager	MAC Management Message	
			,							
			/							
	2bits	5bits	lbits	; ; ; ;						
	FC TYPE	FC PARM		EHDR_ON						



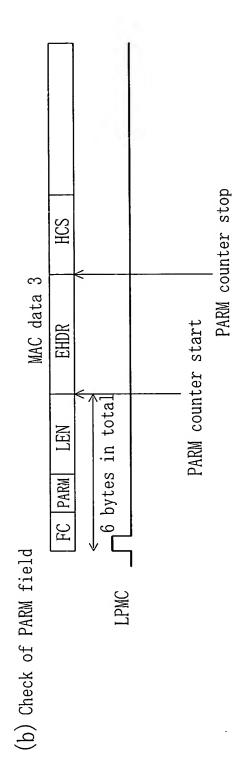


FIG. 9

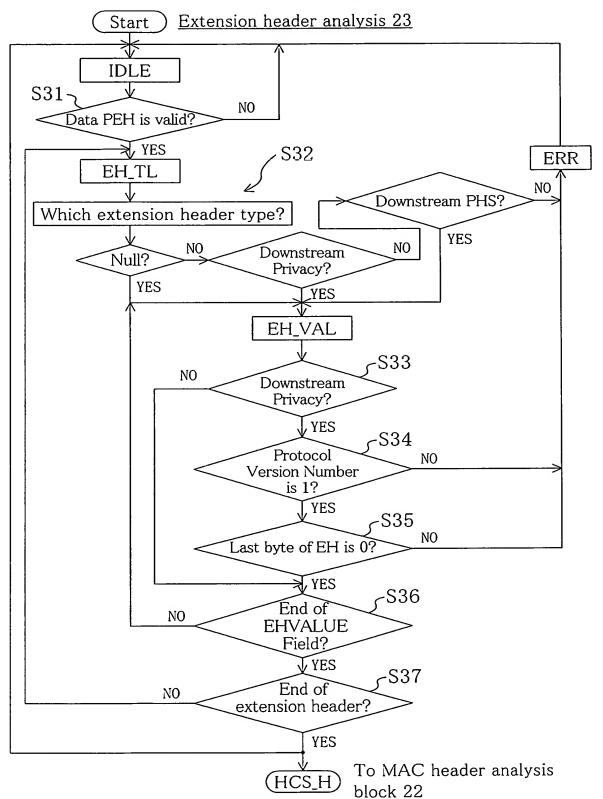


FIG. 10

Extension header (1-240 bytes)	c 0-15 byte		Sets of EH TYPE, EH LEN,
	4bit	EH LEN	
	4bit 4bit	EH TYPE EH LEN	

FTG 11

	r		
		1byte	Reserved=0
Extension header(Downstream Privacy)		2bytes	SID
ead			I
he			E
Extension		1byte	Type=4 LEN=4 KEY_SEQ Version=1 E T
		lbyte	LEN=4  k
		1by	Type=4

6 / 2 / 3 / 5 / 2 / C

FIG. 12

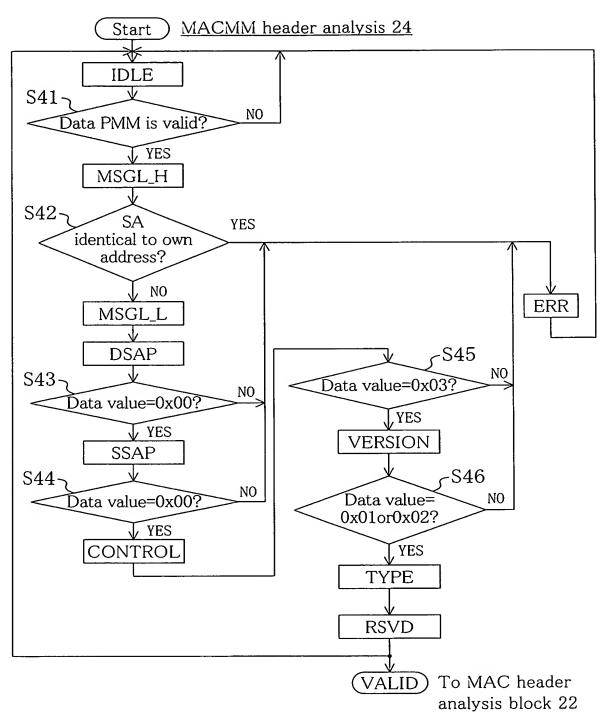


FIG. 13

					MAC Mar	MAC Management Message	t Messa	ge		
6bytes	tes 6bytes 2b	2bytes	lbyte	lbyte	ytes lbyte lbyte lbyte lbyte lbyte	lbyte	lbyte	lbyte		4bytes
DA	SA	MsgLEN	DSAP	SSAP	gLEN DSAP SSAP controlversion type	version	type	RSVD	MAC Management Payload	CRC
		MAC M	anageme	ent Mes	MAC Management Message Header	ader	į			

FIG. 14

